

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims

1. (Currently Amended) A steel pipe rockbolt, comprising a rockbolt main body and a pressurized-fluid-introducing sleeve attached fixed by welding to the rockbolt main body at an end for introduction of a pressurized fluid, wherein the rockbolt main body is configured to hydraulically expand upon the introduction of the pressurized fluid,

the pressurized-fluid-introducing sleeve comprising a projecting part with an outer diameter larger than a diameter of an aperture of a bearing plate and a pressurized-fluid-introducing hole, and a bearing-plate-holding part with an outer diameter smaller than the diameter of the aperture of the bearing plate,

whereby the bearing plate is held in contact with a step between the projecting part and the bearing-plate-holding part, the projecting part and the bearing-plate-holding part are formed in series,

whereby the bearing plate locates on an edge of a rockbolt-setting hole drilled in a bedrock or ground, and the bearing-plate-holding part extends through the aperture of the bearing plate into the rockbolt-setting hole.

2. (Previously Presented) The steel pipe rockbolt as claimed in Claim 1, wherein the projecting part has a groove formed on its outer surface along a circumferential direction.

3. (Previously Presented) The steel pipe rockbolt as claimed in Claim 1, wherein the rockbolt main body is formed from a steel pipe coated with a Zn, Zn-Al or Zn-Al-Mg plating layer.

4. (Previously Presented) The steel pipe rockbolt as claimed in Claim 1, wherein the rockbolt main body has a continuous outer surface defining a hollow cavity that is adapted to hydraulically expand upon the introduction of the pressurized fluid.

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5. (Previously Presented) The steel pipe rockbolt as claimed in Claim 1, wherein the rockbolt main body is a deformed pipe having an expansive groove extending along an axial direction of the deformed pipe.

6. (Previously Presented) The steel pipe rockbolt as claimed in Claim 1, wherein the hollow cavity extends over an entire length of the rockbolt main body.